

SA541616

Late Victorian Campbell Stokes Sunshine Recorder by J Hicks, London

Price

Sold**Item Reference: SA541616****Date of manufacture: 1900**

Dimensions

Height = 18 cm (7.1")

Width = 22 cm (8.7")

Depth = 21 cm (8.3")

Description

A late Victorian Campbell-Stokes Sunshine recorder by J Hicks. This interesting piece of meteorological equipment is formed from a cast iron and black painted base with a glass sphere to the centre and solid brass mounted adjustable collar surrounding the sphere. In the collar are placed specially designed sunshine recording cards (still available) to allow for summer and winter sun positions in the sky. The recorder works by focussing the sun's rays through the glass sphere and burning a line in the recording paper as the sun passes overhead. The design is so simple and elegant that it remains in use today by meteorologists without change. The piece also retains a brass plaque stating the maker's name J Hicks and the address of 8, 9 & 10 Hatton Gardens meaning that this instrument was created after 1885 when the business premises were expanded to incorporate numbers 9 & 10. Originally invented in 1853 by John Francis Campbell, the first design consisted only of a glass sphere within a wooden bowl where, the recording would be taken by measuring the burn line on the wood itself. In 1879, Sir George Gabriel Stokes refined Campbell's invention by fitting a metal collar t...

Seller Details

Jason Clarke Antiques

Newbury Berkshire United Kingdom

Tel: 07815 046645

International Tel: +44 7815 046645

